

## **How to Manually Edit TReK Telemetry Processing Properties in the NT Registry**

Some of the Telemetry Processing options cannot be set using the TReK Telemetry Processing software application if the software is being run in a user account (an account without system administrator privileges). However, it is possible to modify these values directly using the Windows NT Registry. Part I provides a procedure that explains how to modify the Windows NT Registry. Part II maps the telemetry processing options with the key names used in the Windows NT Registry.

### **Part I**

Note: Items in quotation marks are what you should type in.

1. Go to the Start Menu, select Programs, and then Command Prompt.
2. In the Command Prompt window, at the prompt, type in "regedit".
3. At this point the NT Registry application will appear on your screen.
4. Find the folder called HKEY\_LOCAL\_MACHINE and push the + sign to open this folder.
5. In the HKEY\_LOCAL\_MACHINE folder look for a folder called SOFTWARE. Push the + sign to open this folder.
6. In the SOFTWARE folder, look for the folder called TReK. Push the + sign to open this folder.
7. Push the + sign on the TReK folder, and you will see another folder called Properties. Select the Properties folder and you should see a list of properties on the right hand side of the registry window.
8. Look for the property you need to modify. Double click on this property to bring up the edit box so you can change this property's value. When the edit window comes up just type in the value you want to use. Then push the OK button to save this value.

## Part II

The following table maps the key names shown in the Windows NT registry with the names used in the Set Telemetry Processing Options dialog box (and Advanced dialog box).

Telemetry Processing Option Name	Windows NT Registry Key Name	Valid Values
Processed Parameter Queue Size	NumPkts	> 0
Status Character Separator	StatusCharSep	/, _, -, +, ^
Maximum File Size	SaveFileSize	10240 – 4,294,967,295
Maximum Time File Is Open	drr_time_file_is_open	> 0
Maximum Time File Is Open Checkbox	drr_time_file_is_open_state	0 for Off, 1 for On
Network Packet Queue Size	ns_max_pkt_queue_size	10 - 10000
Network Packet Queue Warning Threshold	ns_pkt_queue_warning_threshold	10 - 10000
Flush Queue and Continue to Receive Data	ns_pkt_queue_control	Flush
Stop Receiving Data and Continue and Process Queue Contents	ns_pkt_queue_control	Process
Process Packet Queue Size	ns_max_decom_pkt_queue_size	10 - 10000
Record Packet Queue Size	ns_max_record_pkt_queue_size	10 - 10000
Forward Packet Queue Size	ns_max_fwd_pkt_queue_size	10 - 10000